

7TH INTERNATIONAL CONFERENCE ON EXPERT CLOUDS AND APPLICATIONS ICOECA 2027

11-13 March 2027

Organized by
RV College of Engineering
Bengaluru, Karnataka, India



RV College of
Engineering®



IEEE
SMC
Systems, Man, and Cybernetics Society



ABOUT THE CONFERENCE

Recent years have witnessed that the knowledge-based systems have the ability to exhibit a higher level of intelligent performance as human experts. Expert systems help to solve the computationally complicated real-time applications by processing only the explicitly stated knowledge parameters. With new technologies like cloud computing, IoT, Sustainable computing it has been critical to meet the quality requirements of intelligent knowledge-based systems like expert systems. The emerging researches in the area of Artificial Intelligence, Expert Systems and computing technologies are changing the landscape of Intelligent Systems in real-time applications. This 7th International Conference on Expert Clouds and Applications [ICOECA 2027] is solely dedicated to discovering the new research insights on Artificial Intelligence, Big Data, Cloud Computing, Sustainability, Knowledge-based Expert Systems. Moreover, the conference seeks potential research submissions from all aspects including theoretical, practical, and experimental domains that pertain to the expert systems, sustainable clouds, and Artificial Intelligence [AI] technologies.

ABOUT THE COLLEGE

Established in 1963 with three engineering branches namely Civil, Mechanical and Electrical, today RVCE offers 12 Under Graduate Engineering programmes, 16 Master Degree programmes and Doctoral Studies. Located 13 km from the heart of Bangalore City – the Silicon Valley of India, on Mysore Road. Sprawling campus spread over an area of 16.85 acres(16.43 guntas) set in sylvan surroundings. Provides an ideal ambience to stimulate the teaching-learning process, helping in bringing out skilled and disciplined Engineers. Rated one amongst the top ten self-financing Engineering Institutions in the country. Current annual student intake for Undergraduate Programmes & Post Graduate Programmes in Engineering is in excess of 1200. Highly qualified and dedicated faculty. Utilizes its expertise in various disciplines to conduct Research and Development for Industry and Defense establishments in the country.

CALL FOR PAPERS

Track - 1

- Cloud Infrastructure as a Service
- Software/Process as a Service
- Everything as a Service
- AI and ML for cloud operations management
- Intelligent Storage & data architectures
- Software-defined network (SDN)
- Network function virtualization (NFV)
- Hybrid-clouds & multi-cloud integration
- Fault tolerance, high availability & reliability
- Secured and trustworthy cloud environments
- Cloud programming languages and models
- Predictive cloud service management

Track - 2

- Edge and cloud networking for 5G/6G
- HPC workflows for hybrid cloud
- AI for sustainable cloud operations
- Multimedia cloud computing
- Software engineering methods for cloud services
- Resource management and optimization
- Data management and distribution
- Blockchain driven cloud services
- Microservices in the cloud
- Mobile cloud networking
- Operational analytics and DevOps solutions
- IoT-Cloud Integration
- Deep edge and multi-access edge cloud

SUBMISSION

Paper submissions and reviews for ICOECA 2027 will be handled through info.icoeca@gmail.com. Please submit your contributions in electronic format Via info.icoeca@gmail.com

VENUE

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REGISTRATION FEE

Category	INDIAN (INR)			FOREIGN (USD)		
	IEEE SMC	IEEE Member	Non-IEEE Member	IEEE SMC	IEEE Member	Non-IEEE Member
Authors	11550	12050	12550	130	140	150
Listeners	6250	7250	8250	110	120	130

PUBLICATION

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Papers accepted and presented at the conference will be recommended for inclusion in IEEE Xplore.

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